

**REISSUE APPLICATION DECLARATION AND POWER OF ATTORNEY  
(BY INVENTOR(S) OR ASSIGNEE)**

(complete A or B)

**A.  DECLARATION BY THE INVENTOR(S)**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter that is described and claimed in letters patent number 5,640,395, granted on June 17, 1997, and for which invention I solicit a reissue patent on the invention entitled SYSTEM FOR TRANSMITTING PACKET DATA IN DIGITAL CELLULAR TIME DIVISION MULTIPLE ACCESS (TDMA) AIR INTERFACE

the specification of which

 Is attached hereto.

- was filed on \_\_\_\_\_, as reissue application number / and was amended on \_\_\_\_\_ (*if applicable*).  
 I hereby declare that there is no assignee for this application.

NOTE: "Where no assignee exists, applicant should affirmatively state that fact. If the file record is silent as to the existence of an assignee, it will be presumed that no assignee exists." M.P.E.P., 6th ed., rev. 1, § 1410.01.

**B.  DECLARATION BY ASSIGNEE**

NOTE: The assignee of the entire interest may make the declaration, if the reissue application does not seek to enlarge the scope of the claims of the original patent. 37 C.F.R. § 1.172.

(type or print name of declarant) \_\_\_\_\_ Title \_\_\_\_\_  
of \_\_\_\_\_ Name of company or legal entity on whose behalf declarant is authorized to sign  
declare that I am a citizen of \_\_\_\_\_ and resident of \_\_\_\_\_,  
\_\_\_\_\_, that the entire title to letters patent number \_\_\_\_\_,  
for \_\_\_\_\_,  
granted on \_\_\_\_\_, 19\_\_\_\_ to \_\_\_\_\_ Inventor(s)  
is vested in \_\_\_\_\_ Name of company or legal entity

that I believe said named inventor(s) to be an original, first and sole inventor (*if only one name is listed*) or an original, first and part inventor (*if plural names are listed*) of the subject matter that is described and claimed in the aforesaid letters patent and in the foregoing specification and for which invention I solicit a reissue patent.

**ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**  
(37 C.F.R. § 1.175)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

- In compliance with this duty, there is attached an information disclosure statement in accordance with 37 C.F.R. § 1.98.

**PRIORITY CLAIM**

**NOTE:** A "claim" for the benefit of an earlier filing date in a foreign country under 35 U.S.C. 119(a)-(d) must be made in a reissue application even though such a claim was made in the application on which the original was granted. However, no additional certified copy of the foreign application is necessary. M.P.E.P., 6th ed., rev. 1, § 1417.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

(complete C or D)

- C.  No such applications have been filed.  
D.  Such applications have been filed as follows:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION**

| Country | Application No. | Date of filing<br>(day, month, year) | Date of issue<br>(day, month, year) | Priority<br>Claimed   |
|---------|-----------------|--------------------------------------|-------------------------------------|---|
| Finland | 942038          | 3 May 1994                           |                                     | <input checked="" type="checkbox"/> YES NO <input type="checkbox"/> |
|         |                 |                                      |                                     | <input type="checkbox"/> YES NO <input type="checkbox"/>            |
|         |                 |                                      |                                     | <input type="checkbox"/> YES NO <input type="checkbox"/>            |

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION**

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**BENEFIT OF PROVISIONAL APPLICATION**

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**STATEMENT OF INOPERATIVENESS  
OR INVALIDITY OF ORIGINAL PATENT**  
(37 C.F.R. § 1.175)

That I believe the original patent to be

partly

wholly

inoperative or invalid by reason of (37 C.F.R. § 1.175(a)(1)):

(check all items that may apply)

a defective specification

a defective drawing

the patentee claiming more or less than the patentee had a right to claim in the patent.

*NOTE: At least one error must be relied upon as the basis for the reissue. 37 C.F.R. § 1.175(a)(1).*

That the error listed above, which are being corrected, up to the time of the filing of this reissue declaration arose without any deceptive intention on the part of the applicant. (37 C.F.R. § 1.175(a)(2)).

*NOTE: For any error corrected not covered by this declaration applicant must submit, before allowance, a supplemental declaration stating that every such error arose without any deceptive intention on the part of the applicant. 37 C.F.R. § 1.175(b)(1).*

Corroborating affidavits or declarations of others accompany this declaration.

## **POWER OF ATTORNEY**

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

*(list name and registration number)*

|                    |          |
|--------------------|----------|
| Clarence A. Green  | (24,622) |
| Harry F. Smith     | (32,493) |
| Mark F. Harrington | (31,686) |

*(check the following item, if applicable)*

- I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.
- Attached, as part of this declaration and power of attorney, is the authorization of the above-named practitioner(s) to accept and follow instructions from my representative(s).

---

**SEND CORRESPONDENCE TO****DIRECT TELEPHONE CALLS TO:**  
*(Name and telephone number)*

Address  
Harry F. Smith  
Perman & Green, LLP  
425 Post Road  
Fairfield, CT 06430

Harry F. Smith  
(203) 259-1800

Customer Number \_\_\_\_\_

---

## DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

### Signature(s)

#### BY THE INVENTOR(S)

Full name of sole or first inventor Jari Hamalainen

Inventor's signature Jari Hamalainen

Date Dec 29, 1998 Country of Citizenship Finland

Residence Matti Tapion Katu 1B17, FIN-33720 Tampere, Finland

Post Office Address Matti Tapion Katu 1B17, FIN-33720 Tampere, Finland

Full name of second joint inventor, if any Zhi Chun Honkasalo

Inventor's signature Zhi Chun Honkasalo

Date Jan 5th 1999 Country of Citizenship Great Britain

Residence Haravakuja 12, FIN-01660 Vantaa, Finland

Post Office Address Haravakuja 12, FIN-01660 Vantaa, Finland

#### BY ASSIGNEE OR PERSON AUTHORIZED TO SIGN ON BEHALF OF ASSIGNEE

NOTE: Even though inventor(s) do not sign, complete above information for inventor(s).

(complete the following, if applicable)

(type name of assignee)

Address of assignee

Title of person authorized to sign on behalf of assignee

Assignment recorded in PTO on \_\_\_\_\_

Reel \_\_\_\_\_

Frame \_\_\_\_\_

A separate  "ASSIGNMENT (DOCUMENT) COVER SHEET"  
or  FORM PTO 1595 is submitted herewith along with the assignment

ment \_\_\_\_\_

**STATEMENT BY ASSIGNEE**

- Attached is a "STATEMENT UNDER 37 C.F.R. 3.73(b)," establishing the right of the assignee to take action in this reissue.

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Signature of assignee or person authorized to sign on behalf of assignee

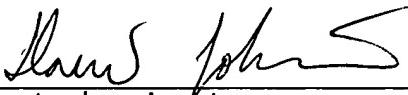
*(check proper box(es) for any added page(s) forming a part of this declaration)*

- Signature for third and subsequent joint inventors. Number of pages added. \_\_\_\_\_  
1
- Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added. \_\_\_\_\_
- Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 C.F.R. § 1.47. Number of pages added. \_\_\_\_\_
- Statement of inoperativeness or invalidity of original patent. 37 C.F.R. § 1.175. Number of pages added \_\_\_\_\_
- Authorization of attorney(s) to accept and follow instructions from representative.
- Corroborating statements of others.

**REISSUE APPLICATION DECLARATION AND POWER OF ATTORNEY  
(BY INVENTOR(S) OR ASSIGNEE)****ADDED PAGE**

Harri Jokinen

Full name of third joint inventor

  
Inventor's signatureJan 18th 1999  
Date

Vahahiidentie 450, FIN-25370 Hiisi, Finland

Residence

Vahahiidentie 450, FIN-25370 Hiisi, Finland

Post Office Address

Finland

Citizenship

**ASSENT BY ASSIGNEE FOR FILING OF REISSUE APPLICATION**

*NOTE: The written assent of all assignees, if any, owning an undivided interest in the original patent must be included in the application for reissue. 37 C.F.R. 1.172(a).*

This is part of the application for a reissue patent filed herewith based on the original patent identified as follows:

Jari Hamalainen, Zhi Chun Honkasalo, Harri Jokinen

Name of Patentee

5,640,395

Patent Number

June 17, 1997

Date Patent Issued

SYSTEM FOR TRANSMITTING PACKET DATA IN DIGITAL CELLULAR TIME DIVISION

Title of Invention      MULTIPLE ACCESS (TDMA) AIR INTERFACE

I am an assignee owning

- an undivided interest to the above original patent.  
 a \_\_\_\_\_ % (per cent) interest in the above original patent.

I assent to the accompanying application for reissue.

Attached is a "Statement under 37 C.F.R. § 3.73(b) — Establishing Right of Assignee to Take Action."

Nokia Mobile Phones Ltd.

Name of assignee



Signature of person signing for assignee

Date: 21 December 1998

Esko Friman  
Vice President, IPR

(type or print name and title of person signing for assignee)



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

DECEMBER 07, 1995

PTAS

PERMAN & GREEN  
ATTN: CLARENCE A. GREEN  
425 POST ROAD  
FAIRFIELD, CT 06430



\*100043194A\*

JCC612 U.S. PTO  
09/255325 PTO  
02/23/95

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/01/1995

REEL/FRAME: 7563/0138  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

HAMALAINEN, JARI

DOC DATE: 04/27/1994

ASSIGNEE:

HONKASALO, ZHI CHUN

DOC DATE: 04/27/1994

ASSIGNEE:

JOKINEN, HARRI

DOC DATE: 04/27/1994

ASSIGNEE:

NOKIA MOBILE PHONES LTD.  
P.O. BOX 86, SF-24101  
SALO, FINLAND

SERIAL NUMBER: 08431559

FILING DATE: 05/01/1995

PATENT NUMBER:

ISSUE DATE:



## SIIRTO

## ASSIGNMENT

Täten minä (me),

I (We),

Jari Hämäläinen, Zhi Chun Honkasalo, Harri Jokinen

(siirron antaja(t))

(assignor(s))

siirrän (-mme):

hereby assign to:

Nokia Mobile Phones Ltd.

(siirron nro/jn)

(assignee)

oikeuden Suomessa ja kaikiseen muissa maissa seuraavean

the rights for Finland and for all other countries to the following

- keksintöön
- etuoikeuspyyntöön
- patentihakemukseen
- patenttiin
- hyödyllisyysmellihakemukseen
- hyödyllisyysmelliin
- tavaramerkkihakemukseen
- tavaramerkkiin
- mallihakemukseen
- malliin

- invention
- right to claim priority
- patent application
- patent
- utility model application
- utility model
- trademark application
- trademark
- design application
- design

nimittäin

namely

Järjestelmä pakettidataan siirtämiseksi digitaalisen aikajakomonikäyttöön TDMA perustuvan solukkojärjestelmän ilmarajapinnassa (Multi-slot packet transmission in digital cellular TDMA air interface), NC 6424

Siirron voimaantumis-päivämäärä

Effective date of  
this assignment

27.04.1994

27 April 1994

Helsinki, 30.06.94 -tähdellä tunkarylo  
 TÄMÄRE 21.06.1994 Jari Hämäläinen Saku 25.06.1994 Harri Jokinen  
 (paikka, aika ja siirron antajan (iän) allekirjoitus) (place, date and signature of assignor(s))

Siirron saajan puolesta:

For the assignee:

Ryo Kanta  
(siirron saajan allekirjoitus)

(signature of assignee)

Patent Engineer  
(allekirjoittajan asema)

(position of signatory)

EXPRESS M/

08-14-1995

A. Application Number: 297-95575  
 To the Honorable Commissioner of Patents  
 08-14-1995

40-00 U.S. DEPARTMENT OF COMMERCE

PTO Patent and Trademark Office

431559

Send original documents or copy thereof.

## 1. Name of conveying party(ies):

Hamalainen, Jari  
 Honkasalo, Zhi Jun MAY  
 Jokinen, Harri 36 1

Additional name(s) of conveying party(ies) attached?  yes  no

## 3. Nature of Conveyance:

- Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: 27 April 1994

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the mailing date of the application is: May 1, 1995

## A. Patent Application No.(s)

## B. Patent No.(s)

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Clarence A. Green

Internal Address: Perman &amp; Green

Street Address: 425 Post Road

City: Fairfield State: CT ZIP 06430

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

 Enclosed Authorized to be charged to deposit account

## 8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Clarence A. Green

Name of Person Signing

Signature

5-1-95

Date

Total number of pages comprising cover sheet: 1

OMB No. 0651-0011 (exp. 4/94)

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 Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.